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Amendment

In The United States Patent And Trademark Office

I hereby certify that the following Amendment,

In re Pro Se application of: Mario Rabinowitz and Felipe G. Garcia
Serial No. : 10/770,087 Filed: Jan. 31, 2004
Title: Group Alignment Of Solar Concentrator Micro-Mirrors
Examiner: Tuyen Tra; Art. Unit: 2873; ph. 571, 272-2343

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703,872-9306

Number of pages: 11 pages.

Dated: April 1, 2005.

By Mario Rabinowitz

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Amendment

In The United States Patent And Trademark Office

In re Pro Se application of: Mario Rabinowitz and Felipe G. Garcia
Serial No.: 10/770,087 Filed: Jan. 31, 2004
Title: Group Alignment Of Solar Concentrator Micro-Mirrors
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Honorable Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

April 1, 2005

Sir:

Applicant is responding to the Action by Examiner Tuyen Tra of Feb. 2, 2005, mailed Feb. 10, 2005.

I. General Remarks

Group Alignment is unique in our invention, and not at all anticipated by the Cited Art, nor the prior art of record. In the prior art spheres may be individually aligned to all have the same alignment as a group, they nevertheless are each aligned individually. This is not the same as the "group alignment" of the instant invention where a group of spheres are all aligned together collectively as a group to reduce the voltage requirement. Because the prior art performs the alignment on each individual sphere, there is no reduction of voltage requirement as we teach. An auxilliary benefit of voltage reduction, as we teach, is a reduction in power requirement. This is because power losses related to field emission, dielectric loss, etc. are reduced when the voltage is reduced.

Moreover, the prior art does not have micro-mirrors embedded in its spheres as in the instant invention. This further distinguishes our invention from the prior art.

II. Specific Responses to Points Raised in Office Action Mailed Feb. 10, 2005